

CHESTERTON® MATERIAL SAFETY DATA SHEET

A. W. CHESTERTON COMPANY
Middlesex Industrial Park, Stoneham, MA 02180

Emergency Telephone No. 617-438-7000 (Day)
617-438-7013 (Night)

Section I

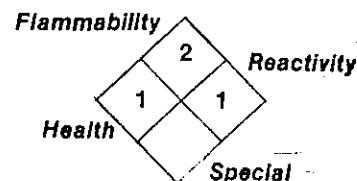
Date of Prep. June 1, 1985

MSDS No. 170A

Product Name Nr. 660 Silicone Lubricant (Aerosol) *

NFPA HAZARD RATING

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant
* = Chronic Health Hazard



General Use and Precautionary Information Synthetic Base Lubricant - Flash Point 315°C. (600°F.), TLV 1000 ppm. There are no real hazards to the user of the aerosol product. The bulk product, however contains organic solvents. As with any organic solvent based product, care should be taken to avoid excessive inhalation of vapors. This is especially important in enclosed areas or areas with poor ventilation. The product has a Threshold Limit Value (TLV) of about 1000 Parts Per Million (ppm). Care should be taken to avoid keeping the skin continually wet with this product. Occasional skin contact should not be damaging, but repeated or prolonged contact may defat the skin and possibly cause dermatitis.

Section II — HAZARDOUS INGREDIENTS

Ingredients/Synonyms	CAS No.	%	TLV	Vapor Pressure
Propane	74-98-6	10-15	1000 ppm	---
1,1,1-Trichloro-1,2,2-Trifluoroethane	76-13-1	80-90	1000 ppm 7,600 mg/m ³	284 mm Hg

Section III — PHYSICAL DATA

Initial Boiling Point 46°C. (115°F.)

Percent Volatile (by volume) 94

Vapor Density >1
(Air = 1)

Evaporation Rate <1
(Ether = 1)

Weight per Gallon 12.2 lbs. (1.46 kg/l)

Section IV — FIRE AND EXPLOSION DATA

Flash Point 315°C. (600°F.)

LEL None

DOT Classification Compressed Gas, n.o.s.
Flammable Gas

Closed Cup, Product Only

Extinguishing Media Carbon dioxide, dry chemical or foam.

Unusual Fire and Explosion Hazards Thermal decomposition can form hydrogen chloride, and other toxic fumes. Pressurized containers when heated are a potential explosive hazard.

Special Fire Fighting Procedures Cool exposed containers with water. Wear self-contained breathing apparatus.

Product Name: Silicone Lubricant (Aerosol)

Date: June 1, 1985

Section V — REACTIVITY DATA

Stability Stable

Conditions to Avoid Open flames and red hot surfaces.

Hazardous Decomposition Products Hydrogen chloride, fluoride and other toxic fumes.

Materials to Avoid Strong oxidizers like liquid chlorine and concentrated oxygen.

Hazardous Polymerization

☐ Will Occur

☒ Will Not Occur

Section VI — HEALTH HAZARD DATA

Threshold Limit Value 1000 ppm

Primary Route of Exposure Under Normal Use Skin and eye contact.

Acute Effects from Overexposure Direct eye contact may result in eye and throat irritation. Inhalation may cause drowsiness and in extreme cases, unconsciousness. Breathing high concentrations may cause the heart to beat irregularly. (NIOSH, Occupational Health Guidelines, Sept. 1978, U.S. Dept. of Labor.)

Chronic Effects from Overexposure No known chronic effects.

Emergency and First Aid Procedures

Inhalation If overcome by vapors, remove to fresh air. If not breathing, administer artificial respiration. Contact physician.

Eye/Skin Contact Flush eyes with large amounts of water for at least 15 minutes. Contact physician.

Ingestion If conscious, do not induce vomiting. Contact physician immediately.

Section VII — SPILL OR RELEASE PROCEDURES

Steps to be Taken in Case Material is Spilled or Released Contain spill to a small area. Pick up with absorbent material and place in a suitable container for disposal.

Waste Disposal Method Bury in an approved area. Check local, State and Federal regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection Not normally needed

Protective Gloves Not normally needed

Ventilation Room ventilation is usually adequate.

Eye Protection Safety glasses

Other None

Section IX — SPECIAL PRECAUTIONS

Precautions in Handling and Storing Do not store in direct sunlight or above 49°C. (120°F.)

Other Precautions None

The information contained herein is based on data provided from suppliers of the materials used and not on the mixture itself, and is believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data. Since the information contained herein may be applied under conditions beyond our control, the persons receiving it shall make their own determination of the suitability of the product for their particular purpose.